

# Morbidity and Mortality

Weekly  
Report



FEDERAL SECURITY AGENCY Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

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## Provisional Statistics for Specified Notifiable Diseases in the United States for Week Ended March 29, 1952

The incidence of measles rose from 31,784 cases for the week ended March 22 to 32,791 for the current week. There was an increase in the numbers reported for the current week as compared with the previous week in the Middle Atlantic, East North Central, South Atlantic, West South Central, Mountain, and Pacific States.

The cumulative totals for certain diseases for the first quarter of 1952, with similar totals for the same period of 1951 in parentheses, are: anthrax, 10 (20); diphtheria, 889 (1,208); measles, 295,064 (176,493); meningococcal infections, 1,685 (1,404); poliomyelitis, 1,320 (1,298); scarlet fever with streptococcal infections, 40,905 (29,940); typhoid fever, 399 (395); whooping cough, 15,053 (20,475); rabies in man, 5 (2); and rabies in animals, 2,296 (1,759).

One case of human rabies was reported by Missouri for the current week.

### EPIDEMIOLOGICAL REPORTS

#### Psittacosis

Dr. J. C. Eckhardt, District of Columbia Department of Health, has reported a suspect case of psittacosis in an adult male. The patient became ill on March 16 with headache, cough, and signs of bronchopneumonia which responded readily to terramycin. There was a history of exposure to a sick parakeet. The bird which had been obtained from a person in nearby Maryland on February 14 showed signs of diarrhea and ruffled feathers several days before it died on March 25. A psittacosis virus was isolated from tissues of the bird at the National Institutes of Health. No information is available at this time regarding the original source of the parakeet other than that given above.

Dr. J. C. Hart, Connecticut Department of Health, has reported a probable case of psittacosis in a 34-year old woman. The patient has had several bouts of upper respiratory infection since the fall of 1950 and the most recent episode began in January 1952. A physician was not consulted until March. Complement fixation tests on blood specimens taken on March 12 and on March 21 suggest a diagnosis of psittacosis. An X-ray examination has revealed a pleural effusion and lower lobe infiltration in the left side of the chest. The patient has had no known contact with any psittacine bird but the source of infection is still under investigation.

#### Influenza

The following reports have been received by the Influenza Information Center, National Institutes of Health.

Dr. Morris Schaeffer, Director, Regional Laboratory, Montgomery, Alabama, reports a significant rise in antibody titer against influenza type B virus in 5 paired serum samples from students at Bob Jones University, Greenville, South Carolina. During the first part of February, 300 or more students of an enrollment of 3,000 were ill with symptoms compatible with influenza including conjunctivitis in many cases. He also reports the isolation of influenza type B virus similar to the 1210 strain from 4 of 17 throat washing obtained in Little Rock, Arkansas. Six of these patients showed antibody titer increases against this virus. In the latter part of January and the first of February there was a high incidence of influenza-like diseases particularly

affecting high school students. Five throat washing received from Frederick, Maryland, yielded the same type B virus, and 2 of the 5 had significant antibody rise in paired serum specimens. During the first part of February the Maryland Department of Health had reported an outbreak of influenza-like disease in Frederick which caused the absence of about one-fourth of the school pupils.

Dr. A. P. McKee, Director, Regional Laboratory, Iowa City, Iowa, reports the isolation of influenza type B virus similar to the strain of 1945 from a case having onset March 21. Influenza cases showed an increase in Iowa City beginning about March 14.

Dr. S. S. Kalter, Collaborating Laboratory, Syracuse University, New York, reported a significant rise in antibodies in 3 or 4 paired serum samples against influenza type B. These patients were ill during the first part of March.

Dr. Edward C. Curnen, Collaborating Laboratory, New Haven, Conn. reports significant rise in titer in the hemagglutination inhibition test against influenza B in paired serum samples from 2 of 8 Yale University students with influenza during late February and early March.

Dr. E. H. Lennette, Director, Regional Laboratory, California State Department of Public Health, reports a significant rise in antibody titer by the complement fixation test in paired serum specimens from 6 patients and a presumptive positive test (titer higher than generally encountered in the normal population) in 5 patients for influenza type B. These patients were from different areas in California and had onset from February 12 to February 27, 1952. He also reports a significant rise in antibody titer for type B virus in 4 patients and type A in 1 patient from military personnel at Fort Ord, California. The onset of these cases was from January 23 until February 19.

The Division of Preventive Medicine, Office of the Surgeon General of the Army, reports a significant rise in the antibody titer by the hemagglutination inhibition test in 4 paired serum samples for influenza type B from patients in the Washington, D. C. area having onset in the early part of March.

Dr. C. R. Freebie, Ohio Department of Health, reports that 2 of 6 paired serum specimens showed a significant rise in antibody titer for type B influenza by the complement fixation test. These patients were from Pickaway and Muskingum Counties where a high incidence of respiratory disease occurred late in January.

The number of deaths from influenza and pneumonia reported for 58 cities for the week ended March 22 was 344 as compared with 372 for the previous week. The numbers by geographical areas, with corrected figures for the previous week in parentheses were: New England, 33 (32); Middle Atlantic, 123 (135); East North Central, 62 (66); West North Central, 21 (32); South Atlantic, 38 (37); East South Central, 20 (17); West South Central, 14 (22); Mountain, 11 (7); and Pacific, 22 (22).

#### Infectious Hepatitis

Dr. A. L. Gray, Mississippi Board of Health, reports that an outbreak of acute hepatitis has occurred in Quitman County. There were 6 cases which occurred in children between the ages of 6 and 12 years.

#### Typhoid Fever

Dr. T. O. Carver, Idaho Department of Public Health, has

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reported preliminary information on an outbreak of typhoid fever in Bonner County. In January 3 cases appeared in 1 family living in Sandpoint. Two of these were confirmed by bacteriological culture, and the other by clinical symptoms. In February 2 cases were reported from Priest River. The last 2 cases were apparently unrelated, either to each other or to the 3 cases in Sandpoint, but it is known that the city of Sandpoint empties raw sewage into the Pend Orielle River and until recently the town of Priest River had obtained its water supply from the same river without chlorination. The 3 cases in Sandpoint have been traced to a chronic carrier, also a member of the family, who resides in Cusick, Washington. Cultures from 4 proven cases and from the carrier have been submitted to a laboratory for phage typing.

Trachoma

Dr. W. L. Halverson, California Director of Health, reports that 56 cases of trachoma have been found on an Indian reservation since December 1951. No cases had been observed since 1944 until the present outbreak. An investigation including laboratory tests is still in progress.

Communicable Diseases in Other Areas

The number of new smallpox cases reported in the Rochdale area of Lancashire, England, for the week ended March 22 was 16. The total for the area since the beginning of the present outbreak is now 110. The disease is occurring in very mild to moderately severe form. There have been no deaths attributable to smallpox.

Table 1.-- COMPARATIVE DATA FOR CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	TOTAL FOR WEEK ENDED		5-year median 1947-51	Approximate seasonal low week ended	CUMULATIVE TOTAL SINCE SEASONAL LOW WEEK		5-year median 1946-47 through 1950-51	CUMULATIVE TOTAL FOR CALENDAR YEAR		5-year median 1947-51
	Mar. 29, 1952 <sup>1</sup>	Mar. 31, 1951			1951-52	1950-51		1952	1951	
Anthrax-----062	21	3	2	(3)	(3)	(3)	(3)	10	20	16
Brucellosis (undulant fever)----044	35	---	---	(3)	(3)	(3)	(3)	450	---	---
Diphtheria-----055	52	110	144	July 1	3,070	4,176	7,453	889	1,208	2,242
Encephalitis, acute infectious---082	22	16	13	(3)	(3)	(3)	(3)	282	187	119
Hepatitis, infectious, and serum-----092,N998.5 pt.	419	---	---	(3)	(3)	(3)	(3)	6,201	---	---
Malaria-----110-117	13	---	---	(3)	(3)	(3)	(3)	358	---	---
Measles-----085	32,791	19,548	19,548	Sept. 1	347,241	205,194	205,194	295,064	176,493	176,493
Meningococcal infections-----057	166	98	82	Sept. 1	2,840	2,448	2,187	1,685	1,404	1,119
Poliomyelitis, acute-----080	71	45	43	Apr. 1	28,692	33,393	28,280	1,320	1,298	1,005
Rocky Mountain spotted fever---104A	-	-	-	(3)	(3)	(3)	(3)	9	4	12
Scarlet fever and streptococcal sore throat-----050,051	3,622	2,328	2,328	Aug. 1	56,816	45,883	52,505	40,905	29,940	30,853
Trichiniasis-----128	5	---	---	(3)	(3)	(3)	(3)	61	---	---
Tularemia-----059	12	20	15	(3)	(3)	(3)	(3)	193	188	287
Typhoid fever-----040	25	51	40	Apr. 1	2,184	2,493	3,011	399	395	444
Typhus fever, endemic-----101	3	---	---	Apr. 1	---	---	---	30	---	---
Whooping cough-----056	922	1,318	1,891	Oct. 1	29,238	42,077	55,381	15,053	20,475	28,738
Rabies in animals-----	198	182	---	(3)	(3)	(3)	(3)	2,296	1,759	---

<sup>1</sup>Rabies in man: Missouri, 1 case.

<sup>2</sup>Reported in Ohio for week ended March 22, 1952, under Epidemiological Reports.

<sup>3</sup>Not computed.

NOTE.--Cases of specified notifiable diseases occurring in outlying possessions for current week (corresponding week of 1951 shown in parentheses) follow:

Alaska: Report not received.

Hawaii: Measles, 177 (3); poliomyelitis, 1 (-); malaria, 1.

Puerto Rico: Diphtheria, 13 (11); measles, 54 (95); typhoid fever, 3 (2); whooping cough, 31 (22); malaria, 2; rabies in animals, 1.

## SOURCE AND NATURE OF DATA

These provisional data are based on reports from State and territorial health departments to the Public Health Service. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday.

When the diseases with low frequencies (botulism, cholera, dengue, plague, rabies in man, smallpox, typhus fever—epidemic, and yellow fever) are reported, they will be noted under the table above.

Symbols.--1 dash [-] : no cases reported; asterisk [\*] : disease stated not notifiable; parentheses, [ ] : data not included in total; 3 dashes [---] : data not available.

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Table 2.—CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,  
EACH DIVISION AND STATE FOR WEEK ENDED MARCH 29, 1952  
(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	DIPHTHERIA (055)		MEASLES (085)		MENINGOCOCCAL INFECTIONS (057)		POLIOMYELITIS, ACUTE (080)		SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050,051)		TYPHOID FEVER (040)	
	Week ended		Week ended		Week ended		Week ended		Week ended		Week ended	
	Mar. 29, 1952	Mar. 31, 1951	Mar. 29, 1952	Mar. 31, 1951	Mar. 29, 1952	Mar. 31, 1951	Mar. 29, 1952	Mar. 31, 1951	Mar. 29, 1952	Mar. 31, 1951	Mar. 29, 1952	Mar. 31, 1951
UNITED STATES-----	52	110	32,791	19,548	166	98	71	45	3,622	2,328	25	51
NEW ENGLAND-----	-	3	5,561	671	6	4	-	2	280	191	1	-
Maine-----	-	-	839	5	-	-	-	-	9	7	-	-
New Hampshire-----	-	-	166	34	1	1	-	-	10	19	-	-
Vermont-----	-	-	270	76	-	-	-	-	6	3	-	-
Massachusetts-----	-	3	2,464	481	3	1	-	2	156	133	-	-
Rhode Island-----	-	-	396	1	-	-	-	-	20	5	-	-
Connecticut-----	-	-	1,426	74	2	2	-	-	79	24	1	-
MIDDLE ATLANTIC-----	4	6	11,807	2,315	23	11	5	3	970	363	6	29
New York-----	2	2	5,805	890	10	7	4	3	623	209	1	29
New Jersey-----	-	-	4,342	502	2	1	-	-	166	58	-	-
Pennsylvania-----	2	4	1,660	923	11	3	1	-	179	96	5	-
EAST NORTH CENTRAL-----	3	8	6,167	3,172	30	14	3	4	933	767	3	2
Ohio-----	1	2	1,127	871	12	2	1	2	329	164	-	-
Indiana-----	1	4	360	164	2	-	-	-	41	52	-	2
Illinois-----	1	1	1,633	764	8	7	1	2	149	147	1	-
Michigan-----	-	-	1,591	474	5	5	1	-	281	341	2	-
Wisconsin-----	-	1	1,456	899	3	-	-	-	133	63	-	-
WEST NORTH CENTRAL-----	9	16	1,174	1,136	5	13	4	2	177	115	-	-
Minnesota-----	2	1	35	224	-	3	2	1	50	22	-	-
Iowa-----	1	-	332	20	1	2	-	-	-	16	-	-
Missouri-----	2	-	82	352	3	6	1	-	69	38	-	-
North Dakota-----	-	14	354	126	-	-	-	-	19	-	-	-
South Dakota-----	3	-	24	15	-	1	-	-	9	3	-	-
Nebraska-----	-	-	114	13	-	1	1	1	6	8	-	-
Kansas-----	1	1	233	386	1	-	-	-	24	28	-	-
SOUTH ATLANTIC-----	10	27	2,520	1,580	34	16	6	9	238	169	6	5
Delaware-----	-	-	19	21	1	-	-	-	11	-	-	-
Maryland-----	-	5	428	124	4	1	-	-	34	18	1	-
District of Columbia-----	-	-	72	58	1	1	-	-	8	12	-	-
Virginia-----	-	4	856	665	5	3	-	-	106	34	-	1
West Virginia-----	3	1	230	161	3	5	1	1	11	17	-	-
North Carolina-----	1	12	175	127	4	2	1	1	48	72	-	1
South Carolina-----	-	2	126	39	6	2	-	1	4	6	-	-
Georgia-----	3	2	404	312	10	2	1	-	10	11	5	2
Florida-----	3	1	210	73	-	-	3	6	8	19	-	1
EAST SOUTH CENTRAL-----	7	11	1,495	721	27	14	2	7	69	100	1	3
Kentucky-----	2	3	212	392	16	7	-	-	20	47	-	-
Tennessee-----	2	2	290	121	5	2	1	-	36	40	-	2
Alabama-----	3	6	916	133	4	4	1	2	10	7	-	1
Mississippi-----	-	-	77	75	2	1	-	5	3	6	1	-
WEST SOUTH CENTRAL-----	14	13	1,329	4,371	13	15	27	6	206	122	6	8
Arkansas-----	-	3	174	423	6	1	-	-	59	3	-	2
Louisiana-----	1	-	21	37	4	3	4	1	6	4	1	1
Oklahoma-----	4	-	91	460	-	1	-	1	14	64	1	-
Texas-----	9	10	1,043	3,451	3	10	23	4	127	51	4	5
MOUNTAIN-----	-	20	835	1,484	8	2	6	4	379	152	-	-
Montana-----	-	1	166	72	1	-	-	1	27	12	-	-
Idaho-----	-	-	45	77	-	-	2	-	58	19	-	-
Wyoming-----	-	-	14	54	1	1	-	-	95	-	-	-
Colorado-----	-	1	256	566	4	-	-	-	14	13	-	-
New Mexico-----	-	1	45	38	-	1	1	1	3	3	-	-
Arizona-----	-	17	111	569	1	-	-	2	102	5	-	-
Utah-----	-	-	198	87	1	-	3	-	78	100	-	-
Nevada-----	-	-	-	21	-	-	-	-	2	-	-	-
PACIFIC-----	5	6	1,903	4,098	20	9	18	8	370	329	2	4
Washington-----	-	-	231	1,005	8	4	4	3	56	108	-	-
Oregon-----	2	3	68	348	3	1	-	-	68	37	-	1
California-----	3	3	1,604	2,745	9	4	14	5	246	184	2	3

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Table 2.—CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,  
EACH DIVISION AND STATE FOR WEEK ENDED MARCH 29, 1952—Continued  
(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	WHOOPING COUGH (056)		Botulism (049.1)	Brucellosis (undulant fever) (044)	Encephalitis, acute infectious (082)	Hepatitis, infectious, and serum (092, N998.5 pt.)	Malaria (110-117)	Rocky Mountain spotted fever (104A)	Smallpox (084)	Trichiniasis (128)	Tularemia (059)	Typhus fever, endemic (101)	Rabies in animals
	Week ended												
	Mar. 29, 1952	Mar. 31, 1951											
UNITED STATES-----	922	1,318	-	35	22	419	13	-	-	5	12	3	198
NEW ENGLAND-----	61	98	-	-	3	18	2	-	-	-	-	-	-
Maine-----	1	23	-	-	-	4	-	-	-	-	-	-	-
New Hampshire-----	6	3	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	5	3	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	43	52	-	-	3	12	2	-	-	-	-	-	-
Rhode Island-----	2	14	-	-	-	-	-	-	-	-	-	-	-
Connecticut-----	4	3	-	-	-	2	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	106	183	-	2	13	27	-	-	-	3	-	-	32
New York-----	49	62	-	1	10	18	-	-	-	2	-	-	1
New Jersey-----	24	62	-	-	3	-	-	-	-	-	-	-	-
Pennsylvania-----	33	59	-	1	-	9	-	-	-	1	-	-	31
EAST NORTH CENTRAL-----	155	168	-	6	2	36	-	-	-	1	2	-	34
Ohio-----	32	41	-	-	-	14	-	-	-	-	-	-	4
Indiana-----	13	6	-	-	-	10	-	-	-	-	-	-	7
Illinois-----	15	30	-	2	2	8	-	-	-	1	2	-	17
Michigan-----	56	50	-	2	-	4	-	-	-	-	-	-	6
Wisconsin-----	39	41	-	2	-	-	-	-	-	-	-	-	-
WEST NORTH CENTRAL-----	23	83	-	14	-	49	-	-	-	-	1	-	23
Minnesota-----	4	7	-	2	-	3	-	-	-	-	1	-	6
Iowa-----	2	12	-	9	-	21	-	-	-	-	-	-	8
Missouri-----	3	15	-	1	-	10	-	-	-	-	-	-	8
North Dakota-----	2	4	-	-	-	6	-	-	-	-	-	-	1
South Dakota-----	-	-	-	1	-	1	-	-	-	-	-	-	-
Nebraska-----	2	2	-	-	-	8	-	-	-	-	-	-	-
Kansas-----	10	43	-	1	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC-----	120	240	-	3	-	195	1	-	-	-	1	-	40
Delaware-----	-	1	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	3	13	-	-	-	1	1	-	-	-	-	-	-
District of Columbia-----	-	3	-	-	-	-	-	-	-	-	-	-	-
Virginia-----	27	-	-	-	-	10	-	-	-	*	-	-	14
West Virginia-----	43	100	-	-	-	68	-	-	-	-	-	-	2
North Carolina-----	22	78	-	-	-	10	-	-	-	-	-	-	7
South Carolina-----	8	11	-	-	-	2	-	-	-	-	-	-	7
Georgia-----	5	19	-	2	-	99	-	-	-	-	1	-	10
Florida-----	12	15	-	1	-	5	-	-	-	-	-	-	-
EAST SOUTH CENTRAL-----	37	62	-	1	3	43	3	-	-	-	1	1	30
Kentucky-----	6	16	-	-	-	14	3	-	-	-	-	-	7
Tennessee-----	18	7	-	-	2	12	-	-	-	-	-	-	14
Alabama-----	7	27	-	1	1	13	-	-	-	*	-	-	6
Mississippi-----	6	12	-	-	-	4	-	-	-	*	1	1	3
WEST SOUTH CENTRAL-----	254	280	-	5	-	4	3	-	-	-	6	2	38
Arkansas-----	19	38	-	1	-	1	-	-	-	-	-	-	2
Louisiana-----	6	1	-	1	-	-	-	-	-	-	2	-	-
Oklahoma-----	5	12	-	-	-	2	-	-	-	-	2	-	4
Texas-----	224	229	-	3	-	1	3	-	-	*	2	2	32
MOUNTAIN-----	71	123	-	1	1	12	1	-	-	-	1	-	-
Montana-----	3	-	-	-	1	4	-	-	-	-	-	-	-
Idaho-----	1	7	-	-	-	-	-	-	-	-	-	-	-
Wyoming-----	-	2	-	-	-	-	-	-	-	-	-	-	-
Colorado-----	5	30	-	-	-	2	-	-	-	-	-	-	-
New Mexico-----	5	23	-	-	-	1	-	-	-	-	-	-	-
Arizona-----	57	58	-	1	-	3	1	-	-	-	-	-	-
Utah-----	-	3	-	-	-	2	-	-	-	-	1	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	95	81	-	3	-	35	3	-	-	1	-	-	1
Washington-----	8	30	-	2	-	5	-	-	-	-	-	-	-
Oregon-----	8	6	-	-	-	15	-	-	-	-	-	-	-
California-----	81	45	-	1	-	15	3	-	-	1	-	-	-

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Table 3.—CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED

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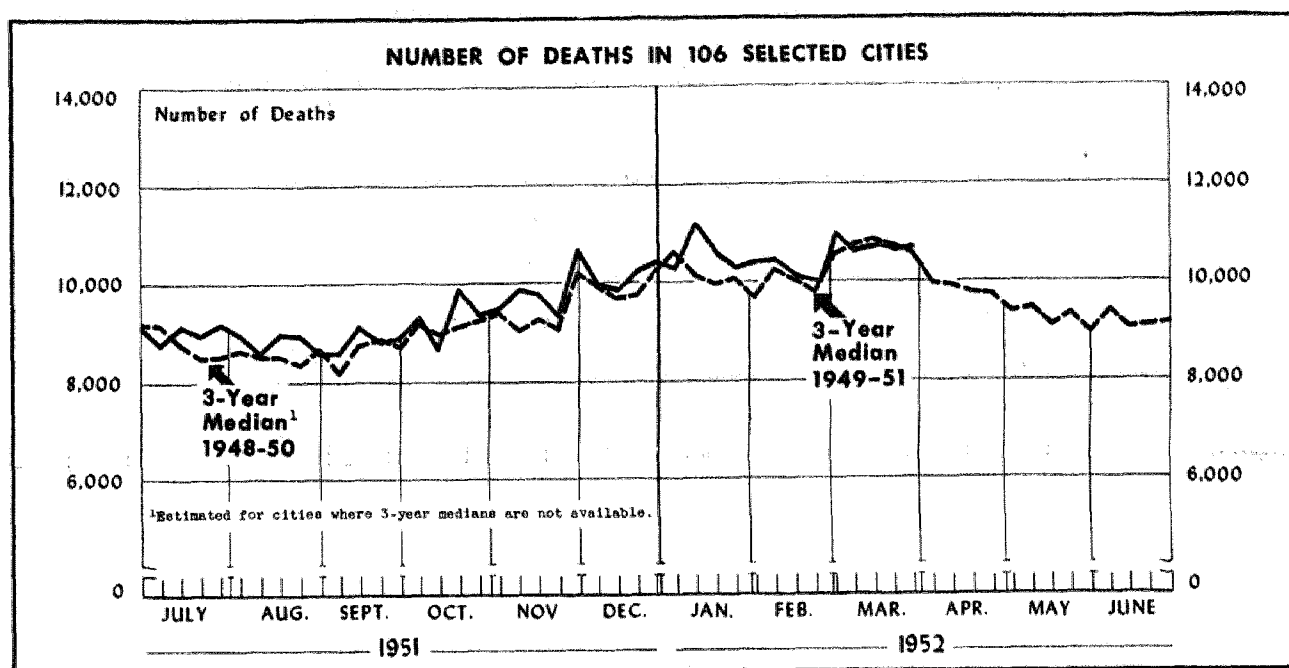
(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	Brucellosis (undulant fever) (044)	Diphtheria (055)	Encephalitis, acute infectious (082)	Hepatitis, infectious, and serum (092, 999.5 pt.)	Measles (085)	Meningococcal infections (057)	Polio-myelitis, acute (080)	Rocky Mountain spotted fever (104A)	Scarlet fever and streptococcal sore throat (050, 051)	Trichiniasis (128)	Tularemia (059)	Typhoid fever (040)	Typhus fever, endemic (101)	Whooping cough (056)	Rabies in animals
TOTAL: 102 cities--	2	4	5	55	13,401	47	20	-	1,315	5	2	4	-	190	13
NEW ENGLAND															
Boston-----	-	-	-	-	213	2	-	-	25	-	-	-	-	9	-
Bridgeport-----	-	-	-	-	36	-	-	-	6	-	-	-	-	-	-
Cambridge-----	-	-	-	-	145	-	-	-	2	-	-	-	-	2	-
Fall River-----	-	-	-	-	52	-	-	-	-	-	-	-	-	-	-
Hartford-----	-	-	-	-	9	-	-	-	1	-	-	-	-	-	-
Lowell-----	-	-	-	-	19	-	-	-	-	-	-	-	-	-	-
Lynn-----	-	-	-	-	23	-	-	-	1	-	-	-	-	-	-
New Bedford-----	-	-	-	-	51	-	-	-	4	-	-	-	-	-	-
New Haven-----	-	-	-	-	68	-	-	-	6	-	-	-	-	-	-
Portland, Me.-----	-	-	-	-	313	-	-	-	-	-	-	-	-	-	-
Providence-----	-	-	-	-	139	-	-	-	9	-	-	-	-	-	-
Somerville-----	-	-	-	-	20	-	-	-	3	-	-	-	-	1	-
Springfield, Mass.-----	-	-	-	-	31	1	-	-	8	-	-	-	-	3	-
Waterbury-----	-	-	-	-	14	-	-	-	12	-	-	-	-	-	-
Worcester-----	-	-	-	-	79	-	-	-	7	-	-	-	-	-	-
MIDDLE ATLANTIC															
Albany-----	-	-	-	-	1722	-	-	-	4	-	-	-	-	5	-
Buffalo-----	-	-	-	-	9	1	-	-	7	-	-	-	-	1	-
Camden-----	-	-	-	-	12	-	-	-	-	-	-	-	-	-	-
Elizabeth-----	-	-	-	-	75	-	-	-	1	-	-	-	-	-	-
Erie-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jersey City-----	-	-	-	-	186	-	-	-	6	-	-	-	-	1	-
Newark, N. J.-----	-	-	-	-	712	-	-	-	12	-	-	-	-	1	-
New York City-----	1	-	-	12	3,713	5	1	-	430	1	-	-	-	31	1
Paterson-----	-	-	-	-	63	-	-	-	7	-	-	-	-	1	-
Philadelphia-----	-	-	-	5	590	3	-	-	31	1	-	1	-	6	-
Pittsburgh-----	-	-	-	-	19	3	-	-	24	-	-	-	-	3	-
Reading-----	-	-	-	-	15	-	-	-	3	-	-	-	-	1	-
Rochester, N. Y.-----	-	-	-	-	100	-	-	-	24	-	-	-	-	-	-
Schenectady-----	-	-	-	-	39	-	-	-	3	-	-	-	-	-	-
Syracuse-----	-	-	-	-	297	-	-	-	23	-	-	-	-	-	-
Trenton-----	-	-	-	-	103	-	-	-	-	-	-	-	-	-	-
Utica-----	-	-	-	-	125	-	-	-	79	-	-	-	-	8	-
Yonkers-----	-	-	-	-	28	-	-	-	2	1	-	-	-	3	-
EAST NORTH CENTRAL															
Akron-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Canton-----	-	-	-	-	1	-	-	-	5	-	-	-	-	2	-
Chicago-----	-	-	-	-	890	3	1	-	55	1	-	-	-	10	-
Cincinnati-----	-	-	-	1	81	3	-	-	21	-	-	-	-	2	-
Cleveland-----	-	1	-	-	241	-	-	-	49	-	-	-	-	10	-
Columbus-----	-	-	-	-	12	-	-	-	6	-	-	-	-	1	-
Dayton-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Detroit-----	-	-	4	1	582	1	-	-	73	-	-	-	-	5	1
Evansville-----	-	-	-	2	16	-	-	-	1	-	-	-	-	1	-
Flint-----	-	-	-	-	1	-	-	-	9	-	-	-	-	-	-
Fort Wayne-----	-	-	-	-	4	-	-	-	2	-	-	-	-	-	-
Grand Rapids-----	-	-	-	1	188	-	-	-	9	-	-	-	-	-	-
Indianapolis-----	-	-	-	-	103	1	-	-	10	-	-	-	-	7	-
Milwaukee-----	-	-	-	-	416	-	-	-	14	-	-	-	-	5	-
Peoria-----	-	-	-	-	5	2	-	-	2	-	-	-	-	-	-
South Bend-----	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-
Toledo-----	-	-	-	-	13	-	-	-	17	-	-	-	-	2	-
Youngstown-----	-	-	-	-	37	1	-	-	1	-	-	-	-	1	-
WEST NORTH CENTRAL															
Des Moines-----	-	1	-	-	6	1	-	-	4	-	-	-	-	-	-
Duluth-----	-	-	-	-	2	-	-	-	3	-	-	-	-	-	-
Kansas City, Kans.-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kansas City, Mo.-----	-	-	-	2	102	-	-	-	2	-	-	-	-	1	-
Minneapolis-----	-	1	-	1	15	-	1	-	17	-	-	-	-	-	-
Omaha-----	-	-	-	7	35	-	-	-	-	-	-	-	-	-	-
St. Louis-----	-	-	-	1	7	4	-	-	12	-	-	-	-	-	1
St. Paul-----	-	-	-	-	14	-	-	-	6	-	-	-	-	4	-
Wichita-----	-	-	-	-	787	-	-	-	5	-	-	-	-	-	-

<sup>1</sup>Delayed reports included.



# Provisional Statistics for Deaths in Selected Cities for Week Ended March 29, 1952



The chart shows the number of deaths reported for 106 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the three previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated, for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval

between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city where 50 deaths are the weekly average, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ( $d \pm 2\sqrt{d}$ , where  $d$  represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 4.—DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

GEOGRAPHIC DIVISION	13th week ended Mar. 29, 1952	12th week ended Mar. 22, 1952	13th week median <sup>1</sup> 1949-51	Percentage difference between current week and median	CUMULATIVE NUMBER FOR FIRST 13 WEEKS		
					1952	1951	Percentage difference
TOTAL: 105 REPORTING CITIES-----	10,660	10,641	10,532	+1.2	136,616	137,932	-1.0
New England----- (14 cities)	777	756	716	+8.5	9,218	9,938	-7.2
Middle Atlantic----- (17 cities)	3,228	3,185	3,261	-1.0	41,290	42,933	-3.8
East North Central----- (18 cities)	2,229	2,403	2,303	-3.2	29,397	30,082	-2.3
West North Central----- (8 cities)	860	603	713	+20.6	9,549	9,141	+4.5
South Atlantic----- (9 cities)	799	926	733	+9.0	10,703	9,951	+7.6
East South Central----- (7 cities)	390	411	435	-10.3	5,694	5,791	-1.7
West South Central----- (13 cities)	789	760	761	+3.7	10,257	10,111	+1.4
Mountain----- (7 cities)	229	268	208	+10.1	3,047	2,709	+12.5
Pacific----- (12 cities)	1,359	1,329	1,224	+11.0	17,461	17,276	+1.1

<sup>1</sup>For cities shown with an asterisk (\*) in table 2, a 2-year average has been used in place of a 3-year median.

## Weekly Mortality Report

Table 5.—DEATHS IN SELECTED CITIES FOR WEEK ENDED

MARCH 29, 1952

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	13th week ended Mar. 29, 1952	12th week ended Mar. 22, 1952	CUMULATIVE NUMBER FOR FIRST 13 WEEKS		CITY	13th week ended Mar. 29, 1952	12th week ended Mar. 22, 1952	CUMULATIVE NUMBER FOR FIRST 13 WEEKS	
			1952	1951				1952	1951
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	261	267	3,149	3,348	St. Paul-----	70	57	849	856
Bridgeport-----	37	37	460	483	Wichita-----	31	49	559	511
Cambridge-----	31	33	435	457	SOUTH ATLANTIC				
Fall River-----	38	33	381	437	Atlanta-----	109	103	1,330	1,110
Hartford-----	56	41	590	655	Baltimore-----	236	277	3,272	3,069
Lowell-----	26	32	330	432	Charlotte-----	27	35	377	381
Lynn-----	36	33	336	321	Miami-----	48	64	775	774
New Bedford-----	28	22	331	359	Norfolk-----	26	34	397	431
New Haven-----	56	39	599	613	Richmond-----	86	94	985	875
Providence-----	70	67	859	969	Tampa-----	52	70	815	675
Somerville-----	17	25	228	241	Washington, D. C.-----	177	207	2,322	2,217
Springfield, Mass.-----	49	41	508	528	Wilmington, Del.-----	38	42	430	419
Waterbury-----	23	27	317	350	EAST SOUTH CENTRAL				
Worcester-----	49	59	685	745	Birmingham-----	71	81	935	1,026
MIDDLE ATLANTIC					Chattanooga-----	41	45	637	619
Albany-----	45	53	550	609	Knoxville-----	38	26	454	463
Buffalo-----	156	162	1,878	2,074	Louisville-----	87	108	1,334	1,310
Camden-----	41	48	492	485	Memphis-----	89	69	1,227	1,208
Elizabeth-----	26	38	463	446	Mobile-----	22	32	419	429
Erie-----	39	30	427	448	Montgomery-----	(12)	(36)	(332)	(388)
Jersey City-----	81	90	1,009	995	Nashville-----	42	50	688	736
Newark, N. J.-----	120	65	1,513	1,436	WEST SOUTH CENTRAL				
New York City-----	1,692	1,636	21,855	22,292	Austin-----	22	26	307	351
Paterson-----	37	52	580	529	Baton Rouge-----	18	15	207	184
Philadelphia-----	496	529	6,585	7,523	Corpus Christi-----	19	20	238	172
Pittsburgh-----	192	192	2,429	2,389	Dallas-----	96	88	1,207	1,128
Rochester, N. Y.-----	115	104	1,284	1,230	El Paso-----	22	24	371	403
Schenectady-----	16	24	311	314	Fort Worth-----	51	46	696	737
Syracuse-----	59	40	703	708	Houston-----	121	100	1,628	1,526
Trenton-----	43	36	623	648	Little Rock-----	45	31	656	553
Utica-----	37	34	405	409	New Orleans-----	196	169	2,103	2,233
Yonkers-----	33	32	383	388	Oklahoma City-----	61	56	739	722
EAST NORTH CENTRAL					San Antonio-----	70	91	1,040	1,114
Akron-----	58	41	743	689	Shreveport-----	36	40	527	502
Canton-----	32	34	419	369	Tulsa-----	33	54	538	486
Chicago-----	737	771	9,537	10,091	MOUNTAIN				
Cincinnati-----	140	146	1,946	1,977	Albuquerque-----	23	26	328	316
Cleveland-----	202	258	2,791	2,908	Colorado Springs-----	12	18	161	144
Columbus-----	102	115	1,381	1,353	Denver-----	114	134	1,439	1,275
Dayton-----	66	73	821	793	Ogden-----	20	8	164	128
Detroit-----	324	345	4,137	4,483	Phoenix-----	18	27	293	255
Evansville-----	32	37	444	412	Pueblo-----	10	7	139	116
Flint-----	30	27	465	403	Salt Lake City-----	32	48	523	475
Fort Wayne-----	40	34	405	452	Tucson-----	(6)	(7)	(80)	(92)
Grand Rapids-----	34	44	518	531	PACIFIC				
Indianapolis-----	126	131	1,550	1,437	Berkeley-----	20	21	261	222
Milwaukee-----	104	154	1,599	1,505	Long Beach-----	45	45	652	634
Peoria-----	26	37	431	419	Los Angeles-----	491	517	6,442	6,342
South Bend-----	21	29	316	358	Oakland-----	109	106	1,420	1,308
Toledo-----	109	87	1,259	1,356	Pasadena-----	39	31	464	447
Youngstown-----	46	40	635	566	Portland, Oreg.-----	84	130	1,379	1,407
WEST NORTH CENTRAL					Sacramento-----	53	57	643	624
Des Moines-----	51	44	700	646	San Diego-----	83	56	1,023	905
Duluth-----	27	26	317	332	San Francisco-----	214	196	2,640	2,717
Kansas City, Kans.-----	---	(43)	---	(464)	Seattle-----	133	105	1,543	1,645
Kansas City, Mo.-----	108	116	1,556	1,450	Spokane-----	52	32	517	530
Minneapolis-----	133	107	1,538	1,501	Tacoma-----	36	33	477	495
Omaha-----	82	61	851	722	Honolulu-----	(35)	(40)	(437)	(423)
St. Louis-----	358	143	3,179	3,123					

Symbols.—parentheses [ ( ) ] : data not included in Table 4; 3 dashes [ --- ] : data not available.